Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 10 Jan 2023 until 23:59 on Wednesday 11 Jan 2023

Forecast Issued on Monday 09 Jan 2023 at 15:27

Confidence: High for unsettled and often windy conditions through the next few days. Lower confidence for exact timings of weather fronts affecting the UK.

Headline for Tuesday 10 Jan 2023: A wet and windy day. Gales on the tops.

Mountain weather hazards on Tuesday 10 Jan 2023

Blizzards
No Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
No Likelihood

Severe chill effect
Low Likelihood

Heavy persistent rain
High Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Sleet	Heavy Rain	Heavy Rain	Light rain	Heavy Rain	Light rain
Precipitation probability							
<05%	10%	40%	>95%	>95%	70%	80%	60%

Forecast for Tuesday 10 Jan 2023

Weather: Dry with clear spells at midnight but rain arriving late in the night with sleet or snow above 500m for a couple of hours. Rain or drizzle through most of the day, often heavy with strong winds bringing drenching conditions, but perhaps becoming lighter for a time early in the afternoon. The rain clears to showers late in the evening.

Chance of cloud-free hill tops above 600m: Almost zero chance during the day. 70% in early hours and late evening.

Low cloud and visibility: Poor visibility with extensive and persistent cloud and fog above 300 or 400m for most of the day. Patchy cloud above 500m in the early hours of the morning and again late evening. Very difficult navigation conditions.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Tuesday 10 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/30 W	20/29 SW	23/32 S	34/46 S	34/45 SW	38/52 SW	34/48 SW	26/37 W	28/40 W
300	15/23 W	13/23 SW	17/25 S	27/40 S	25/37 S	27/41 SW	24/38 SW	19/30 W	19/31 W
Valley	10/21 W	8/21 SW	11/25 S	17/37 S	16/35 S	19/39 SW	17/36 SW	13/28 W	15/31 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	1/-5	1/-5	2/-5	6/0	8/3	8/2	6/0	4/-2
300	4/-0	3/-1	3/-2	4/-2	8/4	10/6	10/6	8/4	6/2
Valley	5/1	3/0	4/0	5/0	8/5	11/7	10/7	8/5	7/3
Freezing Level*	900m	700m	900m	2100m	2500m	2400m	1900m	1400m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Particularly unpleasant weather in the hills with heavy rain and very strong winds, especially across the west of the Peak District. Arduous walking conditions in the afternoon with gusts of 50 to 60mph above 500m.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 09 Jan 2023	4.4mm	7.4mm	22mm

Forecast for Wednesday 11 Jan 2023

Weather: Bright or clear spells and showers, these moving through quickly on the strong westerly winds but the odd one could be heavy and thundery in the afternoon. The showers will fall as sleet above 600m. A significant wind chill on the tops.

Maximum wind: West or Southwest 25 to 30mph with gusts of 45mph.

Chance of cloud-free hill tops above 600m: 70%, best chance in morning.

Low cloud and visibility: Mainly good visibility but poor in showers. Occasional cloud and fog above 600m, briefly falling to lower slopes in showers.

Temperature: **Valleys:** Plus 6 or 7C.
At 600m: Plus 1 or 2C.
Freezing level: Above summits.

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